

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Charles P. Roth et al. Art Unit: 2183  
Serial No.: 09/738,649 Examiner: Charles A. Harkness  
Filed : December 15, 2000 Assignee: Intel Corporation  
and Analog Devices, Inc.  
Title : SINGLE-STEP PROCESSING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

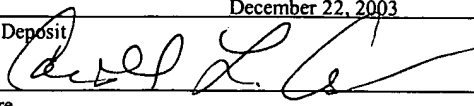
Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

Each enclosed document listed on the herewith Form PTO-1449 was cited in the attached IPO Search Report dated September 28, 2003, issued in a foreign counterpart application not more than three months ago. To the best knowledge of the undersigned, this is the first citation of these items in any communication from a foreign patent office in a counterpart foreign application.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 22, 2003  
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The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3). Copies of the US patent is not being provided per the waiver posted on the PTO website.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: December 22, 2003

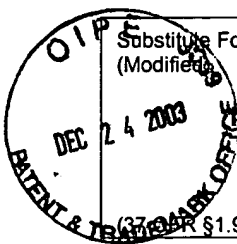
  
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#8p

Sheet 1 of 1  
01-02-04Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
10559-277001Application No.  
09/738,649RECEIVED  
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Technology Center 2100

Information Disclosure Statement  
by Applicant

(Use several sheets if necessary)

Applicant  
Charles P. Roth et al.Filing Date  
December 15, 2000Group Art Unit  
2183

(37 CFR § 1.98(b))

IDS filed 12/22/2003

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,308,581	12/29/1981	Motorola, Inc.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.